

Abstract

Syst ms and methods treat plasma carrying contaminants and cellular matter that are capable of entraining contaminants. The systems and methods 5 separate cellular matter from the plasma by filtration, thereby removing contaminants entrained within the cellular matter. The system and methods add to the plasma a photoactive material. The systems and methods emit radiation at a selected wavelength 10 into the plasma to activate the photoactive material and thereby eradicate the contaminant that is free of entrainment by cellular matter.

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